

**AMENDMENTS TO THE CLAIMS:**

Kindly amend claims 1, 3, 5 and 7-11, as shown below.

This listing of claims will replace all prior versions and listings of claims in the  
Application:

**Claim 1 (currently amended):** A fuel supplier placed in a fuel supply system of a fuel cell,  
comprising:

a fuel vessel; and

a permeation control film through which a supplementary fuel contained in said fuel  
vessel is restrictively transmitted ~~and transferred to said fuel supply system~~, wherein said  
supplementary fuel is allowed to move to said fuel supply system through said permeation  
control film.

**Claim 2 (original):** The fuel supplier as claimed in Claim 1,

wherein said permeation control film restricts the amount of transmission of said  
supplementary fuel based on the fuel concentration of a liquid fuel in said fuel supply system.

**Claim 3 (currently amended):** The fuel supplier as claimed in Claim 1 [[or 2]],

wherein said permeation control film changes its shape depending on the concentration  
of said liquid fuel such that the amount of transmission of said supplementary fuel is changed.

**Claim 4 (original):** The fuel supplier as claimed in Claim 3,

wherein said film shrinks and expands depending on the concentration of said liquid  
fuel so as to change its open area ratio.

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**Claim 5 (currently amended):** The fuel supplier as claimed in ~~any one of Claims 1 to 4~~  
Claim 1,

wherein said permeation control film comprises a fuel permeable film that transmits said supplementary fuel and a shutter member that is placed on said fuel permeable film and controls an exposed area of said fuel permeable film.

**Claim 6 (original):** The fuel supplier as claimed in Claim 5,

wherein said shutter member restricts the amount of transmission of said supplementary fuel based on the fuel concentration of said liquid fuel in said fuel supply system.

**Claim 7 (currently amended):** The fuel supplier as claimed in Claim 5 ~~[[or 6]]~~,

wherein said shutter member includes an elastic film having a cut portion, and a surface of said elastic film is allowed to expand and contract such that the cut portion changes its shape and that the exposed area of said fuel permeable film is controlled.

**Claim 8 (currently amended):** The fuel supplier as claimed in Claim 5 ~~[[or 6]]~~, further comprising a shutter control member that allows said shutter member to slide on the surface of said fuel permeable film such that the exposed area of said fuel permeable film is controlled.

**Claim 9 (currently amended):** The fuel supplier as claimed in ~~any one of Claims 5 to 8~~  
Claim 5, wherein said fuel permeable film restricts the amount of transmission of said liquid fuel based on the fuel concentration of said liquid fuel in said fuel supply system.

**Claim 10 (currently amended):** The fuel supplier as claimed in ~~any one of Claims 1 to 9~~  
Claim 1, further comprising a fuel supply unit that is placed adjacent to said fuel vessel through said permeation control film and configured so as to change its volume depending on its internal pressure.

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**Claim 11 (currently amended):** A fuel cell, comprising:

a solid electrolyte membrane;

a fuel electrode and an oxidant electrode placed on said solid electrolyte membrane; and

a fuel supply system that supplies a fuel to said fuel electrode,

wherein said fuel supply system has the fuel supplier as claimed in ~~any one of Claims 1 to 10~~ Claim 1.

**Claim 12 (original)** The fuel cell as claimed in Claim 11, further comprising a gas duct through which a gas produced at said fuel electrode is guided to said fuel vessel.

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